National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CEMENT TESTING LABORATORY OF STAR CEMENT LTD., GUWAHATI GRINDING UNIT, GOPINATH BORDOLOI ROAD, CHAMTA PATHAR, SONAPUR, GUWAHATI, KAMRUP METRO, ASSAM, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9461 **Page No** 1 of 1

Validity 26/04/2021 to 25/04/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Cement OPC 43, 53 & PPC (part-1)	Insoluble Residue (IR)	IS 4032
2	CHEMICAL- BUILDING MATERIAL	Cement OPC 43, 53 & PPC (part-1)	Alumina (Al2O3)	IS 4032
3	CHEMICAL- BUILDING MATERIAL	Cement OPC 43, 53 & PPC (part-1)	Calcium Oxide (CaO)	IS 4032
4	CHEMICAL- BUILDING MATERIAL	Cement OPC 43, 53 & PPC (part-1)	Ferric Oxide (Fe2O3)	IS 4032
5	CHEMICAL- BUILDING MATERIAL	Cement OPC 43, 53 & PPC (part-1)	Loss on Ignition (LOI)	IS 4032
6	CHEMICAL- BUILDING MATERIAL	Cement OPC 43, 53 & PPC (part-1)	Magnesium Oxide (MgO)	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Cement OPC 43, 53 & PPC (part-1)	Silica (SiO2)	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Cement OPC 43, 53 & PPC (part-1)	Sulphuric anhydride(SO3)	IS 4032
9	MECHANICAL- BUILDINGS MATERIALS	Cement OPC 43, 53 & PPC (part-1)	Compressive Strength - 28 Days	IS 4031 (Part 6)
10	MECHANICAL- BUILDINGS MATERIALS	Cement OPC 43, 53 & PPC (part-1)	Compressive Strength 3 days	IS 4031 (Part 6)
11	MECHANICAL- BUILDINGS MATERIALS	Cement OPC 43, 53 & PPC (part-1)	Compressive Strength -7 days	IS 4031 (Part 6)
12	MECHANICAL- BUILDINGS MATERIALS	Cement OPC 43, 53 & PPC (part-1)	Drying Shrinkage	IS 4031 (Part 10)
13	MECHANICAL- BUILDINGS MATERIALS	Cement OPC 43, 53 & PPC (part-1)	Final Setting Time	IS 4031 (Part 5)
14	MECHANICAL- BUILDINGS MATERIALS	Cement OPC 43, 53 & PPC (part-1)	Fineness by air permeability method	IS 4031 (Part 2)
15	MECHANICAL- BUILDINGS MATERIALS	Cement OPC 43, 53 & PPC (part-1)	Initial Setting Time	IS 4031 (Part 5)
16	MECHANICAL- BUILDINGS MATERIALS	Cement OPC 43, 53 & PPC (part-1)	Normal Consistency	IS 4031 (Part 4)
17	MECHANICAL- BUILDINGS MATERIALS	Cement OPC 43, 53 & PPC (part-1)	Soundness by Autoclave Method	IS 4031 (Part 3)
18	MECHANICAL- BUILDINGS MATERIALS	Cement OPC 43, 53 & PPC (part-1)	Soundness by Le-chatelier method	IS 4031 (Part 3)